

Fig. 1 (Prior Art)

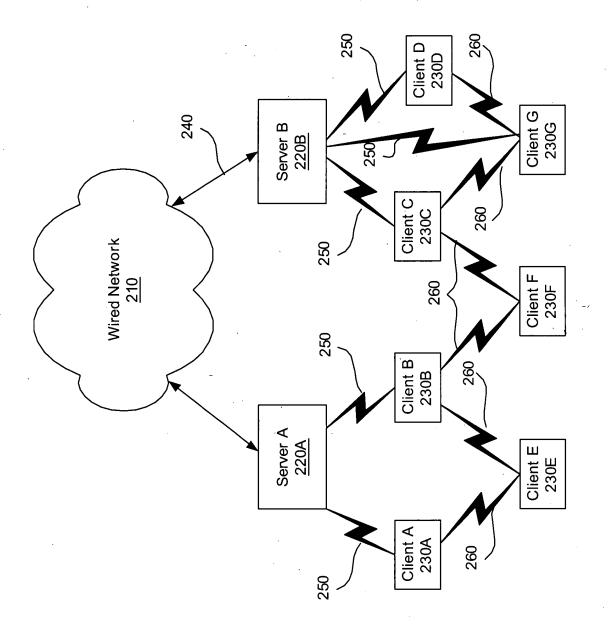


Fig. 2

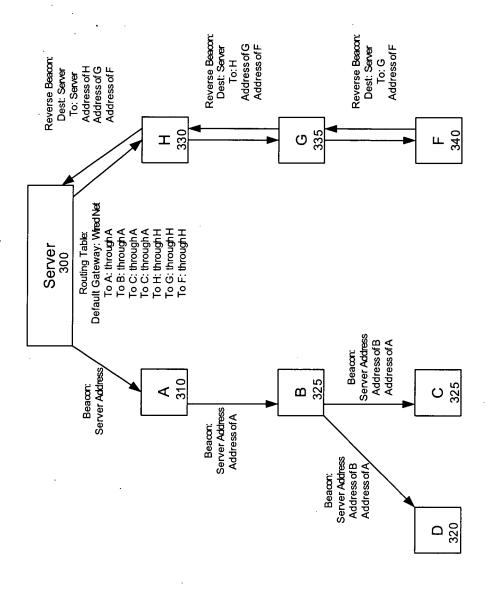


Fig. 3A

Fig. 3B

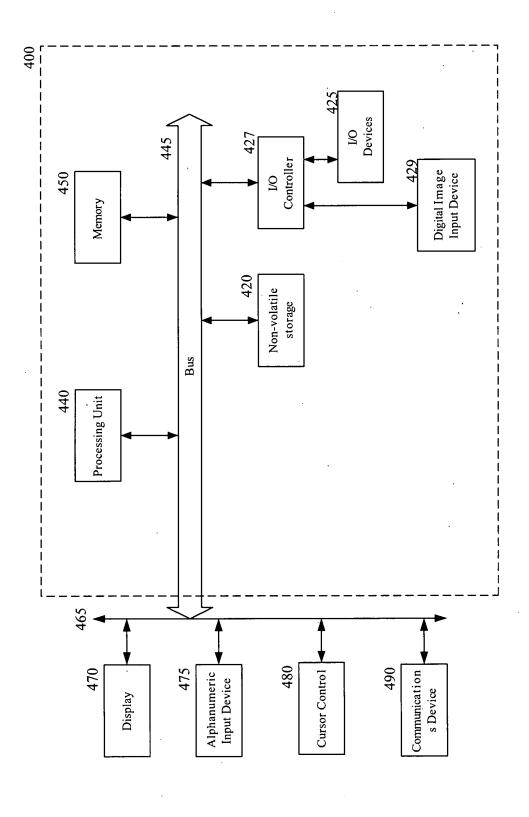


FIG. 4

RECEIVING ROUTING PACKETS AT THE ACCESS NODE THROUGH AT LEAST ONE WIRELESS ROUTE; EACH ROUTING PACKET INCLUDING ROUTE INFORMATION THAT IDENTIFIES THE WIRELESS ROUTE OF THE ROUTING PACKET

510

FIRST SELECTING THE WIRELESS ROUTES THROUGH A FIRST SCREENING MEASURE, THE FIRST SCREENING MEASURE PROVIDING A CRITERIA FOR ALLOWING SELECTION OF WIRELESS ROUTES

<u>520</u>

SECOND SELECTING THE WIRELESS ROUTES THROUGH A SECOND SCREENING MEASURE, THE SECOND SCREENING MEASURE PROVIDING A CRITERIA FOR ALLOWING SELECTION OF WIRELESS ROUTES

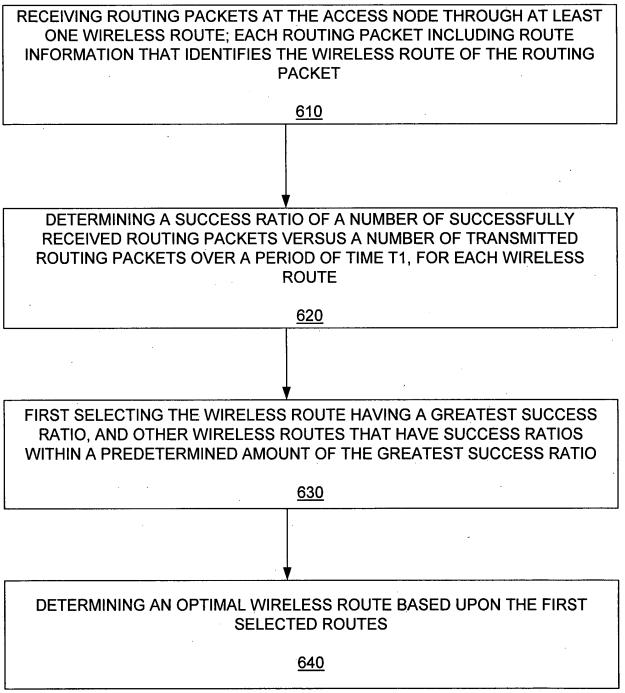
<u>530</u>

THIRD SELECTING THE WIRELESS ROUTES THROUGH A THIRD SCREENING MEASURE, THE THIRD SCREENING MEASURE PROVIDING A CRITERIA FOR ALLOWING SELECTION OF WIRELESS ROUTES

540

DETERMINING AN OPTIMAL WIRELESS ROUTE BASED UPON THE THIRD SELECTED ROUTES

<u>550</u>



DETERMINING THE FIRST SELECTED ROUTES (AVAILABILITY TEST) USING THE PROCESS OF FIGURE 6

<u>710</u>

OF THE FIRST SELECTED ROUTES, RECEIVING ROUTING PACKETS AT THE ACCESS NODE THROUGH AT LEAST ONE FIRST SELECTED ROUTE; EACH ROUTING PACKET INCLUDING ROUTE INFORMATION THAT IDENTIFIES THE WIRELESS ROUTE OF THE ROUTING PACKET

720

DETERMINING A SUCCESS LONG RATIO OF A NUMBER OF SUCCESSFULLY RECEIVED ROUTING PACKETS VERSUS A NUMBER OF TRANSMITTED ROUTING PACKETS OVER A PERIOD OF TIME T2, WHEREIN T2 IS SUBSTANTIALLY GREATER THAN T1, FOR EACH FIRST SELECTED ROUTE.

SECOND SELECTING THE WIRELESS ROUTE HAVING A GREATEST SUCCESS LONG RATIO, AND OTHER WIRELESS ROUTES THAT HAVE SUCCESS LONG RATIOS WITHIN A SECOND PREDETERMINED AMOUNT OF THE GREATEST SUCCESS LONG RATIO

730

DETERMINING AN OPTIMAL WIRELESS ROUTE BASED UPON THE SECOND SELECTED ROUTES

740

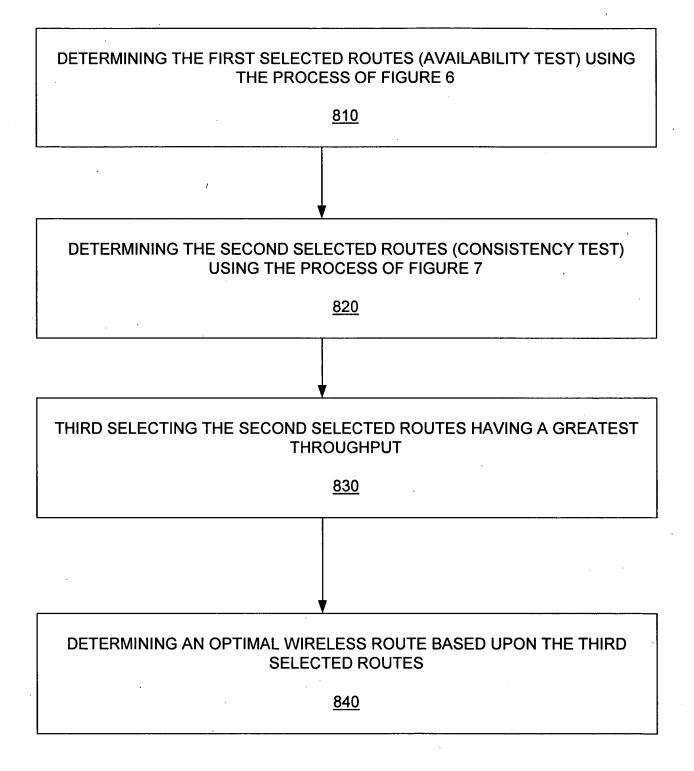


FIGURE 8